

ABSTRACT

LOAD BALANCING MECHANISM FOR PUBLISH/SUBSCRIBE BROKER MESSAGING SYSTEM

A system and method for load balancing a publish/subscribe messaging system comprising a topic subscription program, a publication program, and a message delivery program is disclosed. The topic subscription program allows a subscriber to subscribe to a topic, and to share a subscription to that topic with other subscribers within the messaging system. The publication program publishes messages to a topic. The message delivery program sends a copy of a message to each subscription and chooses the subscriber within the subscription to receive the message in accordance with a subscription dispatcher. A messaging system which has been configured in accordance with one aspect of the present invention can include a message server; one or more topics stored in the message server; one or more subscriptions associated with at least one of the topics in the message server; and, a subscription program, a publication program and a message delivery program in the server.